

120303

**UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
6161.0075.US

Total Pages in this Submission

13281 U.S. PTO

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application

P.O. Box 1450

Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

PANEL DRIVING METHOD AND APPARATUS FOR REPRESENTING GRADATION BY MIXING ADDRESS PERIOD AND SUSTAIN PERIOD

and invented by:

Kyoung-Ho KANG

17510/725524
U.S. PTO

120303

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. Filing fee as calculated and transmitted as described below
2. Specification having 36 pages and including the following:
 - a. Descriptive Title of the Invention
 - b. Cross References to Related Applications (*if applicable*)
 - c. Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. Background of the Invention
 - f. Brief Summary of the Invention
 - g. Brief Description of the Drawings (*if filed*)
 - h. Detailed Description
 - i. Claim(s) as Classified Below
 - j. Abstract of the Disclosure

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
6161.0075.US

Total Pages in this Submission

Application Elements (Continued)

3. Drawing(s) (*when necessary as prescribed by 35 USC 113*)
 - a. Formal Number of Sheets 16
 - b. Informal Number of Sheets _____
4. Oath or Declaration
 - a. Newly executed (*original or copy*) Unexecuted
 - b. Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
 - c. With Power of Attorney Without Power of Attorney
 - d. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (*usable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. Application Data Sheet (See 37 CFR 1.76)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. Assignment Papers (*cover sheet & document(s)*)
10. 37 CFR 3.73(B) Statement (*when there is an assignee*)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Certificate of Mailing
 First Class Express Mail (*Specify Label No.*): _____

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

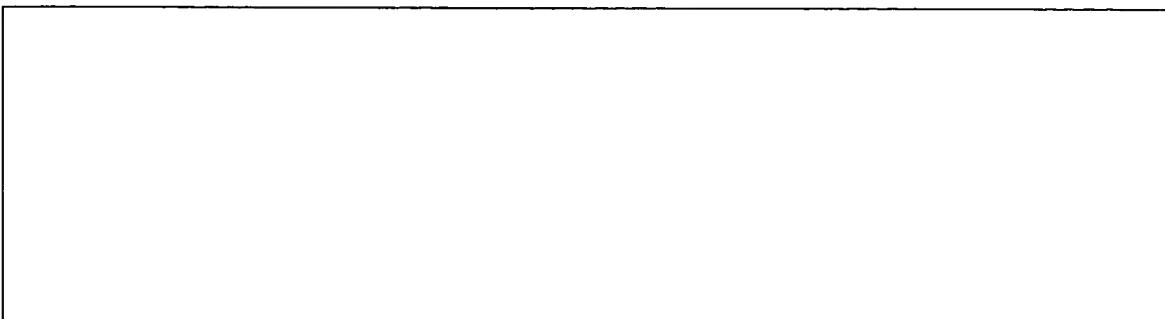
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
6161.0075.US

Total Pages in this Submission

Acc mpanying Application Parts (Continued)

17. Additional Enclosures (please identify below):



Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
6161.0075.US

Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	19	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	4	- 3 =	1	x \$86.00	\$86.00
Multiple Dependent Claims (check if applicable)		<input type="checkbox"/>			\$0.00
				BASIC FEE	\$770.00
OTHER FEE (specify purpose)					\$0.00
				TOTAL FILING FEE	\$856.00

- A check in the amount of \$856.00 to cover the filing fee is enclosed.
- The Director is hereby authorized to charge and credit Deposit Account No. 23-1951 as described below.
- Charge the amount of _____ as filing fee.
- Credit any overpayment.
- Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



Signature

Dated: December 3, 2003

cc:

Hae-Chan Park, Reg. No. 51,114
McGuireWoods LLP
1750 Tysons Boulevard, Suite 1800
McLean, VA 22102
Telephone No. 703.712.5365
Facsimile No. 703.712.5280

McGuireWoods LLP
1750 Tysons Boulevard
Suite 1800
McLean, VA 22102-4215
Phone: 703.712.5000
Fax: 703.712.5050
www.mcguirewoods.com

Hae-Chan Park
Direct: 703.712.5365

McGUIREWOODS

hpark@mcguirewoods.com
Direct Fax: 703.712.5280

December 3, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: U.S. Utility Patent Application
Application No. Unassigned
Filed: December 3, 2003
**PANEL DRIVING METHOD AND APPARATUS FOR REPRESENTING
GRADATION BY MIXING ADDRESS PERIOD AND SUSTAIN PERIOD**
Inventor: Kyoung-Ho KANG
Our Ref: 6161.0075.US

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. a transmittal letter;
2. Utility Patent Application Transmittal Form;
3. a Specification containing 36 pages and 16 sheets of drawings (Figures 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B, 4C, 5, 6A, 6B, 6C, 7, 8, 9, 10A, and 10B);
4. an executed Declaration;
5. a Statement Under 37 C.F.R. §3.73(b), Power of Attorney by Assignee;
6. a Form PTO-1595 Recordation Cover Sheet and a copy of the executed Assignment to Samsung SDI Co., Ltd., a recordation of which is hereby respectfully requested;
7. Claim for Priority to and with a certified copy of:
Korean Patent Application No. 10-2002-0076217 filed December 3, 2002;
8. Form PTO 1449 and Information Disclosure Statement with a copy of U.S. Patent No. 5,541,618;
9. Our check no. 144323 for the amount of \$856.00 to cover the filing fee and our check no. 144324 for the amount of \$40.00 to cover the assignment recordation fee; and
10. two (2) acknowledgement postcards.

U.S. Patent & Trademark Office
December 3, 2003
Page 2

It is respectfully requested that the attached copy of the postcard be stamped with the filing date of these documents and returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-1951 referencing docket number 6161.0075.US.

Respectfully submitted,



Hae-Chan Park
Reg. No. 50,114

HCP/jeh
Enclosures